

Trying 3106016892...Open

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Welcome to STN International! Enter x:x  
LOGINID:sssptal621mxw  
PASSWORD:  
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```

* * * * * * * * * * * * * * * * Welcome to STN International * * * * * * * * * * * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 Dec 17 The CA Lexicon available in the CAPLUS and CA files
NEWS 3 Feb 06 Engineering Information Encompass files have new names
NEWS 4 Feb 16 TOXLINE no longer being updated
NEWS 5 Apr 23 Search Derwent WPINDEX by chemical structure
NEWS 6 Apr 23 PRE-1967 REFERENCES NOW SEARCHABLE IN CAPLUS AND CA
NEWS 7 May 07 DGENE Reload
NEWS 8 Jun 20 Published patent applications (A1) are now in USPATFULL
NEWS 9 JUL 13 New SDI alert frequency now available in Derwent's DWPI and DPCI
NEWS 10 Aug 23 In-process records and more frequent updates now in MEDLINE
NEWS 11 Aug 23 PAGE IMAGES FOR 1947-1966 RECORDS IN CAPLUS AND CA
NEWS 12 Aug 23 Adis Newsletters (ADISNEWS) now available on STN
NEWS 13 Sep 17 IMSworld Pharmaceutical Company Directory name change to PHARMASEARCH
NEWS 14 Oct 09 Korean abstracts now included in Derwent World Patents Index
NEWS 15 Oct 09 Number of Derwent World Patents Index updates increased
NEWS 16 Oct 15 Calculated properties now in the REGISTRY/ZREGISTRY File
NEWS 17 Oct 22 Over 1 million reactions added to CASREACT
NEWS 18 Oct 22 DGENE GETSIM has been improved
NEWS 19 Oct 29 AAASD no longer available
NEWS 20 Nov 19 New Search Capabilities USPATFULL and USPAT2
NEWS 21 Nov 19 TOXCENTER(SM) - new toxicology file now available on STN
NEWS 22 Nov 29 COPPERLIT now available on STN
NEWS 23 Nov 29 DWPI revisions to NTIS and US Provisional Numbers
NEWS 24 Nov 30 Files VETU and VETB to have open access
NEWS 25 Dec 10 WPINDEX/WPIDS/WPIX New and Revised Manual Codes for 2002
NEWS 26 Dec 10 DGENE BLAST Homology Search
NEWS 27 Dec 17 WELDASEARCH now available on STN
NEWS 28 Dec 17 STANDARDS now available on STN
NEWS 29 Dec 17 New fields for DPCI
NEWS 30 Dec 19 CAS Roles modified
NEWS 31 Dec 19 1907-1946 data and page images added to CA and CAplus

NEWS EXPRESS August 15 CURRENT WINDOWS VERSION IS V6.0c,
CURRENT MACINTOSH VERSION IS V6.0 (ENG) AND V6.0J (JP),
AND CURRENT DISCOVER FILE IS DATED 07 AUGUST 2001

NEWS HOURS STN Operating Hours Plus Help Desk Availability

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NEWS WWW CAS World Wide Web Site (general information)

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* *

FILE 'HOME' ENTERED AT 14:58:08 ON 04 JAN 2002

| | | | |
|----------------------|--|------------|---------|
| => file registry | | SINCE FILE | TOTAL |
| COST IN U.S. DOLLARS | | ENTRY | SESSION |
| FULL ESTIMATED COST | | 0.15 | 0.15 |

FILE 'REGISTRY' ENTERED AT 14:58:20 ON 04 JAN 2002
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STRUCTURE FILE UPDATES: 2 JAN 2002 HIGHEST RN 380300-95-8
DICTIONARY FILE UPDATES: 2 JAN 2002 HIGHEST RN 380300-95-8

TSCA INFORMATION NOW CURRENT THROUGH July 7, 2001

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> e behenyltrimethyl

| | | |
|-----|--------|-------------------------------|
| E1 | 1 | BEHENYLTRIETHYLPHOSPHON/BI |
| E2 | 1 | BEHENYLTRIETHYLPHOSPHONIUM/BI |
| E3 | 10 --> | BEHENYLTRIMETHYL/BI |
| E4 | 3 | BEHENYLTRIMETHYLAMMON/BI |
| E5 | 3 | BEHENYLTRIMETHYLAMMONIUM/BI |
| E6 | 1 | BEHENYLTRIMETHYLDI/BI |
| E7 | 1 | BEHENYLTRIMETHYLDIAMINE/BI |
| E8 | 6 | BEHENYLTRIMETHYLENE/BI |
| E9 | 6 | BEHENYLTRIMETHYLENEDI/BI |
| E10 | 6 | BEHENYLTRIMETHYLENEDIAMINE/BI |
| E11 | 1 | BEHEO/BI |
| E12 | 1 | BEHF/BI |

=> d e3
NO L# DEFINED

=> e behenyltrimethylammonium

| | | |
|----|-------|-----------------------------|
| E1 | 10 | BEHENYLTRIMETHYL/BI |
| E2 | 3 | BEHENYLTRIMETHYLAMMON/BI |
| E3 | 3 --> | BEHENYLTRIMETHYLAMMONIUM/BI |
| E4 | 1 | BEHENYLTRIMETHYLDI/BI |
| E5 | 1 | BEHENYLTRIMETHYLDIAMINE/BI |
| E6 | 6 | BEHENYLTRIMETHYLENE/BI |

E7 6 BEHENYLTRIMETHYLENEDI/BI
E8 6 BEHENYLTRIMETHYLEDIAMINE/BI
E9 1 BEHEO/BI
E10 1 BEHF/BI
E11 1 BEHFO3/BI
E12 1 BEHFO7TI2/BI

=> s e3
L1 3 BEHENYLTRIMETHYLAMMONIUM/BI

=> d L1 1-3

L1 ANSWER 1 OF 3 REGISTRY COPYRIGHT 2002 ACS
RN 81646-13-1 REGISTRY
CN 1-Docosanaminium, N,N,N-trimethyl-, methyl sulfate (9CI) (CA INDEX NAME)
OTHER NAMES:
CN Behenyltrimethylammonium methosulfate
CN Behenyltrimethylammonium methyl sulfate
CN Docosyltrimethylammonium methyl sulfate
CN Incroquat BTQ 25C
MF C25 H54 N . C H3 O4 S
LC STN Files: BEILSTEIN*, CA, CAPLUS, CHEMLIST, IPA, TOXCENTER, TOXLIT,
USPATFULL
(*File contains numerically searchable property data)
Other Sources: EINECS**
(**Enter CHEMLIST File for up-to-date regulatory information)

CM 1

CRN 45294-07-3
CMF C25 H54 N

Me₃⁺N—(CH₂)₂₁—Me

CM 2

CRN 21228-90-0
CMF C H3 O4 S

Me—O—SO₃⁻

24 REFERENCES IN FILE CA (1967 TO DATE)
24 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L1 ANSWER 2 OF 3 REGISTRY COPYRIGHT 2002 ACS
RN 21396-56-5 REGISTRY
CN 1-Docosanaminium, N,N,N-trimethyl-, bromide (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Ammonium, docosyltrimethyl-, bromide (8CI)
CN Docosyltrimethylammonium bromide (7CI)
OTHER NAMES:
CN Behenyltrimethylammonium bromide
CN N,N,N-Triethylhexadecylammonium bromide
MF C25 H54 N . Br
LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS, CHEMLIST, TOXCENTER, TOXLIT,

USPATFULL
(*File contains numerically searchable property data)
CRN (45294-07-3)

Me₃⁺N—(CH₂)₂₁—Me

● Br⁻

27 REFERENCES IN FILE CA (1967 TO DATE)
27 REFERENCES IN FILE CAPLUS (1967 TO DATE)
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L1 ANSWER 3 OF 3 REGISTRY COPYRIGHT 2002 ACS
RN 17301-53-0 REGISTRY
CN 1-Docosanaminium, N,N,N-trimethyl-, chloride (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Ammonium, docosyltrimethyl-, chloride (8CI)
OTHER NAMES:
CN Arquad 22-80
CN Behentrimonium chloride
CN **Behenyltrimethylammonium chloride**
CN Cation VB
CN Docosyltrimethylammonium chloride
CN Econol TM 22
CN Genamin DDMP
CN Genamin KDM
CN Incroquat TMC 80
CN Incroquat TMC 95
CN Incroquat TMC/P
CN Kemamine Q 2983C
CN N-Docosyl-N,N,N-trimethylammonium chloride
CN Neosoap CN 30SF
CN Nikkol CA 2580
CN Nissan Cation VB
CN Trimethylbehenylammonium chloride
CN Varisoft BT 85
DR 57762-94-4
MF C25 H54 N . Cl
CI COM
LC STN Files: CA, CAPLUS, CHEMLIST, CSCHEM, IFICDB, IFIPAT, IFIUDB, PIRA,
TOXCENTER, TOXLIT, USPATFULL
Other Sources: EINECS**
(**Enter CHEMLIST File for up-to-date regulatory information)
CRN (45294-07-3)

Me₃⁺N—(CH₂)₂₁—Me

Cl⁻

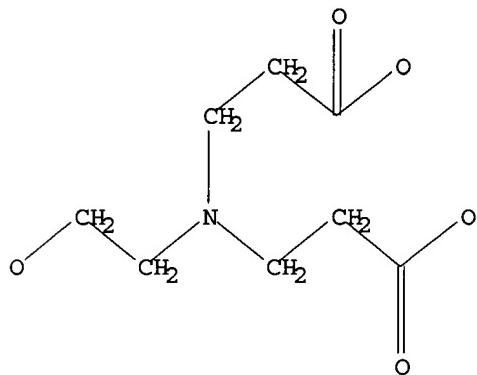
328 REFERENCES IN FILE CA (1967 TO DATE)

3 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
330 REFERENCES IN FILE CAPLUS (1967 TO DATE)

=>
Uploading 09759165a.str

L2 STRUCTURE UPLOADED

=> d L2
L2 HAS NO ANSWERS
L2 STR



Structure attributes must be viewed using STN Express query preparation.

=> s L2 sss sam
SAMPLE SEARCH INITIATED 15:04:03 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 686 TO ITERATE

100.0% PROCESSED 686 ITERATIONS
SEARCH TIME: 00.00.01

3 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 12149 TO 15291
PROJECTED ANSWERS: 3 TO 163

L3 3 SEA SSS SAM L2

=> d L3

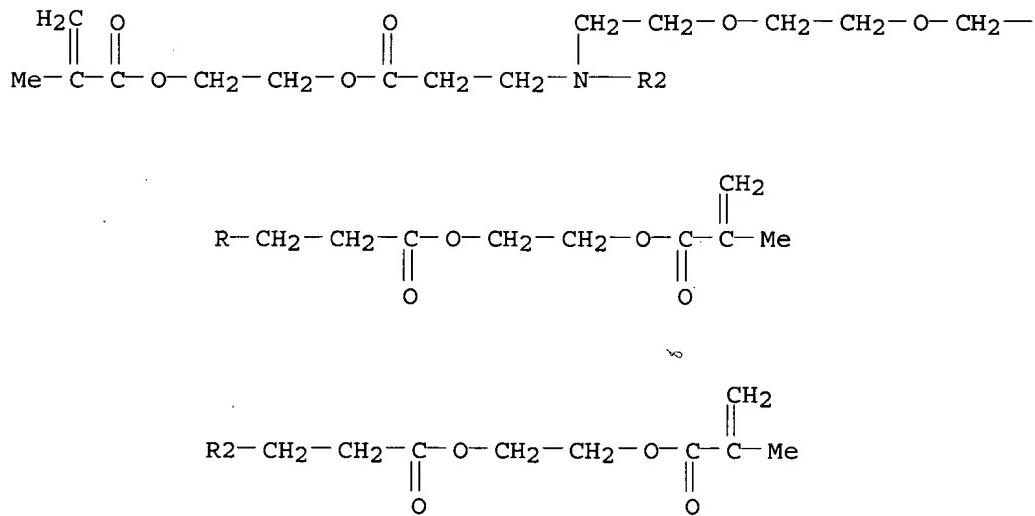
L3 ANSWER 1 OF 3 REGISTRY COPYRIGHT 2002 ACS
RN 226949-41-3 REGISTRY
CN 7,10-Dioxa-4,13-diazahexadecanedioic acid,
4,13-bis[3-[2-[(2-methyl-1-oxo-
2-propenyl)oxy]ethoxy]-3-oxopropyl]-, bis[2-[(2-methyl-1-oxo-2-
propenyl)oxy]ethyl] ester, polymer with (1-methylethyldene)bis[4,1-
phenyleneoxy(2-hydroxy-3,1-propanediyl)] bis(2-methyl-2-propenoate) (9CI)
(CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 2-Propenoic acid, 2-methyl-, (1-methylethyldene)bis[4,1-phenyleneoxy(2-
hydroxy-3,1-propanediyl)] ester, polymer with bis[2-[(2-methyl-1-oxo-2-
propenyl)oxy]ethyl]
4,13-bis[3-[2-[(2-methyl-1-oxo-2-propenyl)oxy]ethoxy]-

MF 3-oxopropyl]-7,10-dioxa-4,13-diazahexadecanedioate (9CI)
(C42 H64 N2 O18 . C29 H36 O8)x
CI PMS
PCT Polyacrylic
SR CA
LC STN Files: CA, CAPLUS, TOXLIT

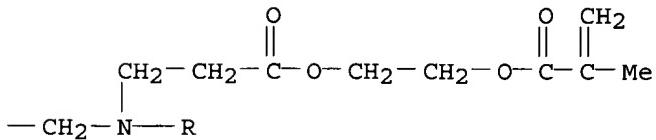
CM 1

CRN 226949-35-5
CMF C42 H64 N2 018

PAGE 1-A



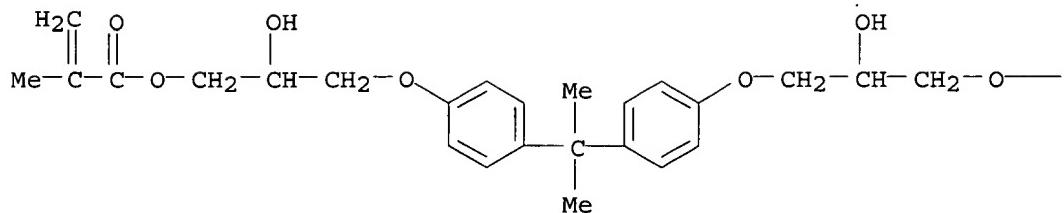
PAGE 1-B



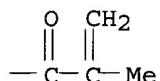
CM 2

CRN 1565-94-2
CMF C29 H36 08

PAGE 1-A



PAGE 1-B



1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

=> s L2 sss full
FULL SEARCH INITIATED 15:10:39 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 13448 TO ITERATE

100.0% PROCESSED 13448 ITERATIONS 56 ANSWERS
SEARCH TIME: 00.00.01

L4 56 SEA SSS FUL L2

=> d his

(FILE 'HOME' ENTERED AT 14:58:08 ON 04 JAN 2002)

FILE 'REGISTRY' ENTERED AT 14:58:20 ON 04 JAN 2002

E BEHENYLTRIMETHYL
E BEHENYLTRIMETHYLAMMONIUM

L1 3 S E3
L2 STRUCTURE UPLOADED
L3 3 S L2 SSS SAM
L4 56 S L2 SSS FULL

=> file caplus

COST IN U.S. DOLLARS

| SINCE FILE
ENTRY | TOTAL
SESSION |
|---------------------|------------------|
| 156.94 | 157.09 |

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 15:11:03 ON 04 JAN 2002
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FILE COVERS 1907 - 4 Jan 2002 VOL 136 ISS 1
FILE LAST UPDATED: 2 Jan 2002 (20020102/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

This file supports REG1stRY for direct browsing and searching of all substance data from the REGISTRY file. Enter HELP FIRST for more information.

Cplus now provides online access to patents and literature covered in CA from 1907 to the present. Bibliographic information and abstracts were added in 2001 for over 3.8 million records from 1907-1966.

CAS roles have been modified effective December 16, 2001. Please check your SDI profiles to see if they need to be revised. For information on CAS roles, enter HELP ROLES at an arrow prompt or use the CAS Roles thesaurus (/RL field) in this file.

The CA Lexicon is now available in the Controlled Term (/CT) field. Enter HELP LEXICON for full details.

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```
=> s L1
L5      374 L1

=> s L4
L6      37 L4

=> s L5 and L6
L7      0 L5 AND L6

=> s modified(w)starch
        420870 MODIFIED
        5 MODIFIEDS
        420873 MODIFIED
        (MODIFIED OR MODIFIEDS)
        125759 STARCH
        7342 STARCHES
        126916 STARCH
        (STARCH OR STARCHES)
L8      2377 MODIFIED(W) STARCH

=> s amphoteric(w) starch
        12474 AMPHOTERIC
        94 AMPHOTERICS
        12502 AMPHOTERIC
        (AMPHOTERIC OR AMPHOTERICS)
        125759 STARCH
        7342 STARCHES
        126916 STARCH
        (STARCH OR STARCHES)
L9      76 AMPHOTERIC(W) STARCH
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=> s L8 or L9
L10 2445 L8 OR L9

=> s L5 and L10
L11 1 L5 AND L10

=> d L11 ti

L11 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2002 ACS
TI Cosmetic compositions containing an **amphoteric starch**
and a cationic conditioning agent

=> d L11

L11 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2002 ACS
AN 2001:563771 CAPLUS
DN 135:157364
TI Cosmetic compositions containing an **amphoteric starch**
and a cationic conditioning agent
IN Douin, Veronique; Chesneau, Laurent; Descoster, Sandrine
PA L'Oreal S.A., Fr.
SO Eur. Pat. Appl., 26 pp.
CODEN: EPXXDW
DT Patent
LA French
FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|--|------|----------|-----------------|----------|
| PI | EP 1120103 | A1 | 20010801 | EP 2000-403529 | 20001214 |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO | | | | |
| | FR 2803745 | A1 | 20010720 | FR 2000-409 | 20000113 |
| | BR 2001000259 | A | 20010821 | BR 2001-259 | 20010108 |
| | CN 1305801 | A | 20010801 | CN 2001-103011 | 20010112 |
| | JP 2001226217 | A2 | 20010821 | JP 2001-7088 | 20010115 |
| | US 2001031270 | A1 | 20011018 | US 2001-759165 | 20010116 |
| PRAI | FR 2000-409 | A | 20000113 | | |
| OS | MARPAT 135:157364 | | | | |

RE.CNT 4

RE

- (1) L'Oreal; EP 0797979 A 1997 CAPLUS
- (2) National Starch; <http://www.nationalstarch.com/solan.htm>/ 2000
- (3) National Starch And Chem Corp; EP 0689829 A 1995 CAPLUS
- (4) National Starch And Chem Corp; EP 0948960 A 1999 CAPLUS

=> s starch
125759 STARCH
7342 STARCHES
L12 126916 STARCH
(STARCH OR STARCHES)

=> s L5 and L12 not L11
L13 3 L5 AND L12 NOT L11

=> d L13 1-3 ibib,abs

L13 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2001:297468 CAPLUS

Priority document

DOCUMENT NUMBER: 134:315868
 TITLE: Cosmetic aqueous emulsion composition containing a vinyldimethicone/dimethicone copolymer and a thickener
 INVENTOR(S): Decoster, Sandrine; Douin, Veronique; Bajilly, Virginie
 PATENT ASSIGNEE(S): L'Oreal, Fr.
 SOURCE: Eur. Pat. Appl., 16 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: French
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|------------|
| EP 1093807 | A1 | 20010425 | EP 2000-402738 | 20001005 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO | | | | |
| FR 2799972 | A1 | 20010427 | FR 1999-13099 | 19991020 |
| FR 2799972 | B1 | 20011207 | | |
| BR 2000005080 | A | 20010612 | BR 2000-5080 | 20001019 |
| CN 1312067 | A | 20010912 | CN 2000-135302 | 20001019 |
| JP 2001151625 | A2 | 20010605 | JP 2000-322030 | 20001020 |
| | | | FR 1999-13099 | A 19991020 |

PRIORITY APPLN. INFO.: AB Cosmetic emulsions contg. a vinyldimethicone/dimethicone copolymer having a viscosity of 1x106-100x106 cP and a cellulosic thickener are disclosed. The compns. are used for washing and/or conditioning of hair or skin. An after-shampoo compn. contained a mixt. of myristyl, cetyl and stearyl of myristate, palmitate, and stearate 0.5, a mixt. of cetyl alc./stearyl alc. (50:50) 3, lauryldimethicone copolyol 0.23, xanthan gum 0.2 behenyltrimethyl ammonium chloride 1.1, DC-1997 1.36, perfume, preservatives, and water q.s. 100.

REFERENCE COUNT: 7
 REFERENCE(S):
 (1) Dow Corning; EP 0787758 A 1997 CAPLUS
 (2) Dow Corning Sa; EP 0874017 A 1998 CAPLUS
 (3) Oreal; FR 2739284 A 1997 CAPLUS
 (4) Oreal; FR 2742657 A 1997 CAPLUS
 (5) Oreal; FR 2748392 A 1997 CAPLUS
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2002 ACS
 ACCESSION NUMBER: 1999:468551 CAPLUS
 DOCUMENT NUMBER: 131:120598
 TITLE: Two-part hair dye compositions containing polyether polyurethanes and conditioning agents
 INVENTOR(S): Casperson, Stephen; Murphy, Bryan; Khan, Zubaida; Pohl, Stanley
 PATENT ASSIGNEE(S): Bristol-Myers Squibb Company, USA
 SOURCE: PCT Int. Appl., 29 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------|------|----------|-----------------|----------|
| WO 9936047 | A1 | 19990722 | WO 1998-US26122 | 19981209 |

not prior art

see US
09/692,716
Gina the
no mention
of method
of starch

contains
Gentamicin KOMP

W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE,
DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG,
KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX,
NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT,
UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES,
FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI,
CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

US 6156076 A 20001205 US 1998-8209 19980116
AU 9916337 A1 19990802 AU 1999-16337 19981209
BR 9814008 A 20001010 BR 1998-14008 19981209
EP 1047375 A1 20001102 EP 1998-960833 19981209

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, FI

PRIORITY APPLN. INFO.: US 1998-8209 A 19980116
WO 1998-US26122 W 19981209

AB The present invention describes a two-part oxidative hair dye compn.
which

comprises in one or both component parts at least one polyether
polyurethane in combination with at least one cationic conditioning
agent.

The two component parts of the compn. comprise a dye component compn.,
which includes primary intermediates and couplers, and a developing
component compn., which includes an oxidizing agent, such as hydrogen
peroxide. It has surprisingly been found by the present inventors that
nonionic polyether polyurethane polymers and cationic conditioning agents
contained in the oxidative hair dye compns. of the present invention
impart and significantly enhance addnl. conditioning and rheol. benefits
to the hair. Other components commonly used in oxidative hair dye
products can be added to one or both component parts of the compns. of
the

present invention. After mixing the two component compns., the resulting
hair dye compn. mixt. is thick, conveniently applied, and provides
superior rheol. and conditioning properties to the hair. A dye component
compn. was prep'd. contg., among other ingredients, behentrimonium
chloride, cetyl alc., cocamide MEA, m-aminophenol, 1-naphthol, Aculyn 46,
and ammonium hydroxide. A developer (oxidizer) component was prep'd.
contg., among other ingredients, C12-15 Pareth-3, Steareth 21, PEG-50
tallow amide, Oleth-5, oleyl alc., cetyl alc., Etidronic acid,
Simethicone, and di-Na EDTA.

REFERENCE COUNT: 4

REFERENCE(S):
(1) Carlos, D; WO 9724105 A 1997 CAPLUS
(2) Carlos, D; WO 9724106 A 1997 CAPLUS
(3) Carlos, D; WO 9724107 A 1997 CAPLUS
(4) Carlos, D; WO 9827941 A 1998 CAPLUS

L13 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1997:506069 CAPLUS

DOCUMENT NUMBER: 127:126348

TITLE: Hair compositions containing combination of a
polyampholyte polymer and a cationic polymer

INVENTOR(S): Cauwet-Martin, Daniele; Lion, Bertrand; Mondet, Jean
PATENT ASSIGNEE(S): L'Oreal, Fr.; Cauwet-Martin, Daniele; Lion, Bertrand;
Mondet, Jean

SOURCE: PCT Int. Appl., 32 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: French

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

Not
correct
type of
starch

Modifed
Starch

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|----------|
| WO 9723193 | A1 | 19970703 | WO 1996-FR1831 | 19961119 |
| W: AL, AM, AU, AZ, BB, BG, BR, BY, CA, CN, CU, CZ, EE, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, RO, RU, SD, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN | | | | |
| RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG | | | | |
| FR 2742657 | A1 | 19970627 | FR 1995-15290 | 19951221 |
| FR 2742657 | B1 | 19980130 | | |
| AU 9676302 | A1 | 19970717 | AU 1996-76302 | 19961119 |
| EP 869766 | A1 | 19981014 | EP 1996-939151 | 19961119 |
| EP 869766 | B1 | 20011121 | | |
| R: DE, ES, FR, GB, IT | | | | |

PRIORITY APPLN. INFO.: FR 1995-15290 A 19951221
WO 1996-FR1831 W 19961119

AB To a compn. for the treatment of keratinic materials, particularly human hair, contg. in a cosmetically and/or dermatol. acceptable aq. medium at least (1) a polyampholyte polymer comprised of at least one ethylenically unsatd. monomer and comprising in the chain or sideways of the chain equimolar or substantially equimolar quantities of neg. charges and pos. charges; said polymer is water insol. at a concn. higher than or equal to 1% by wt. at 20.degree.; (2) a cationic polymer of which the cationic charge d. is lower than or equal to 4 meq/g. They are used as capillary products to be rinsed for hair care, hair washing and or hair combing. They have a good hair dressing effect and good wet hair combing out properties. Sodium styrene sulfonate 49.8, an aq. soln. of 78.9% trimethylammonium Et methacrylate chloride 63.63, water 300, and potassium persulfate 2 g were stirred under N and heated at 72.degree. for 24 h, the polymer thus obtained was then sepd., washed and dried. A shampoo had sodium lauryl ether sulfate 24, 32% cocoylbetain soln. 8, above polymer 1, NaCl 2, 8% soln. of dimethyldiallylammonium chloride-acrylamide copolymer 1, preservatives, perfumes and water q.s. 100 g.

=> d L13 1-3 kwic

L13 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2002 ACS
IT 79-10-7D, Acrylic acid, polymers with methacrylates 79-41-4D, MethAcrylic acid, polymers with acrylates 9000-30-0, Guar gum 9000-36-6, Karaya gum 9003-05-8, Polyacrylamide 9005-25-8, Starch, biological studies 9005-32-7, Alginic acid 9050-36-6, Maltodextrin 11138-66-2, Xanthan gum 17301-53-0, Behenyltrimethyl ammonium chloride 25322-68-3, Polyethylene glycol 26100-47-0, Acrylamide-ammonium acrylate copolymer 27119-07-9, Amps homopolymer 35429-19-7, Acrylamide-methacryloyloxyethyltrimethylammonium chloride copolymer 39464-87-4, Scleroglucan 59942-04-0, .alpha.,.omega.-Divinylpolydimethylsiloxane 67504-24-9 71010-52-1, Gellan 96949-21-2, Rhamsan gum 115254-29-0
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(cosmetic aq. emulsion compn. contg. vinyldimethicone/dimethicone copolymer and thickener)

L13 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2002 ACS
IT 9005-25-8, Starch, biological studies
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(polyether-polyurethane modified with; two-part hair dye compns.
contg.

modified
Starch

polyether polyurethanes and conditioning agents)
IT 90-15-3, 1-Naphthol 95-70-5, p-Toluenediamine 106-50-3,
1,4-Benzenediamine, biological studies 107-64-2,
Distearyldimethylammonium chloride 108-45-2, 1,3-Benzenediamine,
biological studies 108-46-3, Resorcinol, biological studies 112-03-8,
Stearyltrimethylammonium chloride 123-30-8, p-Aminophenol 591-27-5
608-25-3, 2-Methylresorcinol 1812-53-9, Dicetyldimethylammonium
chloride
2835-95-2, 4-Amino-2-hydroxytoluene 2835-96-3, 4-Amino-2-methylphenol
2835-99-6, 4-Amino-3-Methylphenol 7469-77-4, 2-Methyl-1-naphthol
7575-35-1, N,N-Bis(2-hydroxyethyl)-p-phenylenediamine 9002-92-0,
Laureth
2 14572-93-1, 2-(2,4-Diaminophenyl)ethanol 17301-53-0,
Behentrimonium chloride 26006-22-4, Polyquaternium 5 26027-38-3
26062-79-3, Polyquaternium 6 53694-17-0, Polyquaternium 22 83763-47-7
93841-24-8 193487-42-2, Aculyn 44 233265-18-4, Aculyn 46
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(two-part hair dye compns. contg. polyether polyurethanes and
conditioning agents)

L13 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2002 ACS
IT 107-43-7D, Betaine, cocoacyl derivs. 112-02-7, Barquat ct29
9000-30-0,
Guar gum 9004-82-4 11138-66-2, Xanthan gum 17301-53-0,
Behenyl trimethyl ammonium chloride 26590-05-6, Dimethyldiallylammonium
chloride-acrylamide copolymer 74444-08-9
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(hair compns. contg. combination of polyampholyte polymer and cationic
polymer)
IT 9004-34-6DP, Cellulose, derivs. 9005-25-8DP, Starch, derivs.
31324-84-2P 38812-35-0P 41488-70-4P 65205-78-9P 65205-79-0P
67553-83-7P 89559-71-7P 89559-72-8P 98715-54-9P 117829-14-8P
130764-80-6P 192820-61-4P 192820-63-6P 192820-66-9P 192820-73-8P
RL: BUU (Biological use, unclassified); SPN (Synthetic preparation); BIOL
(Biological study); PREP (Preparation); USES (Uses)
(hair compns. contg. combination of polyampholyte polymer and cationic
polymer)

| => file kosmet | | | |
|--|------------|---------|--|
| COST IN U.S. DOLLARS | SINCE FILE | TOTAL | |
| | ENTRY | SESSION | |
| FULL ESTIMATED COST | 19.78 | 176.87 | |
| DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | SINCE FILE | TOTAL | |
| | ENTRY | SESSION | |
| CA SUBSCRIBER PRICE | -1.86 | -1.86 | |

FILE 'KOSMET' ENTERED AT 15:15:39 ON 04 JAN 2002
COPYRIGHT (C) 2002 International Federation of the Societies of Cosmetics
Chemists

FILE LAST UPDATED: 10 DEC 2001 <20011210/UP>
FILE COVERS 1968 TO DATE.

=> s behenyltrimethyl
0 BEHENYLTRIMETHYL
L14 0 BEHENYLTRIMETHYL

=> s L1
0 BEHENYLTRIMETHYLLAMMONIUM/BI
L15 0 BEHENYLTRIMETHYLLAMMONIUM/BI

| | | | |
|--|--|------------|---------|
| => file uspatfull | | SINCE FILE | TOTAL |
| COST IN U.S. DOLLARS | | ENTRY | SESSION |
| FULL ESTIMATED COST | | 1.58 | 178.45 |
| DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | | SINCE FILE | TOTAL |
| CA SUBSCRIBER PRICE | | ENTRY | SESSION |
| | | 0.00 | -1.86 |

FILE 'USPATFULL' ENTERED AT 15:17:06 ON 04 JAN 2002
CA INDEXING COPYRIGHT (C) 2002 AMERICAN CHEMICAL SOCIETY (ACS)

FILE COVERS 1971 TO PATENT PUBLICATION DATE: 3 Jan 2002 (20020103/PD)
FILE LAST UPDATED: 3 Jan 2002 (20020103/ED)
HIGHEST GRANTED PATENT NUMBER: US6330719
HIGHEST APPLICATION PUBLICATION NUMBER: US2002002729
CA INDEXING IS CURRENT THROUGH 3 Jan 2002 (20020103/UPCA)
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 3 Jan 2002 (20020103/PD)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Oct 2001
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Oct 2001

>>> Page images are available for patents from 1/1/1998. Patents <<<
>>> and applications are typically loaded on the day of publication.<<<
>>> Page images are available for display by the following day. <<<
>>> Image data for the /FA field are available the following update.<<<

>>> Complete CA file indexing for chemical patents (or equivalents) <<<
>>> is included in file records. A thesaurus is available for the <<<
>>> USPTO Manual of Classifications in the /NCL, /INCL, and /RPCL <<<
>>> fields. This thesaurus includes catchword terms from the <<<
>>> USPTO/MOC subject headings and subheadings. Thesauri are also <<<
>>> available for the WIPO International Patent Classification <<<
>>> (IPC) Manuals, editions 1-6, in the /IC1, /IC2, /IC3, /IC4, <<<
>>> /IC5, and /IC (/IC6) fields, respectively. The thesauri in <<<
>>> the /IC5 and /IC fields include the corresponding catchword <<<
>>> terms from the IPC subject headings and subheadings. <<<

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d his

(FILE 'HOME' ENTERED AT 14:58:08 ON 04 JAN 2002)

FILE 'REGISTRY' ENTERED AT 14:58:20 ON 04 JAN 2002

E BEHENYLTRIMETHYL
E BEHENYLTRIMETHYLLAMMONIUM
L1 3 S E3
L2 STRUCTURE uploaded

L3 3 S L2 SSS SAM
 L4 56 S L2 SSS FULL

FILE 'CAPLUS' ENTERED AT 15:11:03 ON 04 JAN 2002

L5 374 S L1

L6 37 S L4

L7 O S L5 AND L6

L8 2377 S MODIFIED (W) STARCH

L9 76 S AMPHOTERIC (W) STARCH

L10 2445 S L8 OR L9

L11 1 S L5 AND L10

L12 126916 S STARCH

J-13 3 S J-5 AND J-12 NOT J-11

FILE 'KOSMET' ENTERED AT 15:15:39 ON 04 JAN 2002

L14 O S BEHENYLTRIMETHYL

115 0 S 11

FILE 'USPATFULL' ENTERED AT 15:17:06 ON 04 JAN 2002

=> S L1

L16 60 L1

=> S L4

L17 13 L4

=> s L16 and L17

L18 0 L16 AND L17

=> file marpat

COST IN U.S. DOLLARS

| SINCE FILE
ENTRY | TOTAL
SESSION |
|---------------------|------------------|
| 4.63 | 183.08 |

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE TOTAL
ENTRY SESSION

CA SUBSCRIBER PRICE 0.00 -1.86

FILE 'MARPAT' ENTERED AT 15:18:39 ON 04 JAN 2002

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FILE CONTENT: 1988-PRESENT (VOL 104 ISS 15-VOL 136 ISS 01) (200112)

(COVERAGE TO THESE DATES

| | | | | |
|----|-----------|----|-----|------|
| US | 200104936 | 06 | DEC | 2001 |
| DE | 20110918 | 06 | DEC | 2001 |
| EP | 1160248 | 05 | DEC | 2001 |
| JP | 200132899 | 27 | NOV | 2001 |

MARPAT structure search limits have been raised.

=> s L1
I.19 0 BEHENYLTRIMETHYLAMMONIUM/BI
0 BEHENYLTRIMETHYLAMMONIUM/BI

=> s L4
SAMPLE SEARCH INITIATED 15:18:52 FILE 'MARPAT'
SAMPLE SCREEN SEARCH COMPLETED - 2922 TO ITERATE

34.2% PROCESSED 1000 ITERATIONS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.11

16 ANSWERS

FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 55831 TO 61049
PROJECTED ANSWERS: 525 TO 1345

L20 16 SEA SSS SAM L2

=> d L20 1-16 ti

- L20 ANSWER 1 OF 16 MARPAT COPYRIGHT 2002 ACS
TI Quaternary amino amides in fabric finishing compositions
- L20 ANSWER 2 OF 16 MARPAT COPYRIGHT 2002 ACS
TI Preparation of quinolines as bactericides for Helicobacter pylori and as antiulcer agents
- L20 ANSWER 3 OF 16 MARPAT COPYRIGHT 2002 ACS
TI Cationic dye precursors containing a single benzene ring, and their use in oxidative dyeing of keratinic fibers
- L20 ANSWER 4 OF 16 MARPAT COPYRIGHT 2002 ACS
TI Combinatorial synthesis and screening of .alpha.-ketoamide-derivative cysteine protease inhibitors
- L20 ANSWER 5 OF 16 MARPAT COPYRIGHT 2002 ACS
TI synthesis and antibiotic activity of stabilized carbapenems
- L20 ANSWER 6 OF 16 MARPAT COPYRIGHT 2002 ACS
TI Detergent compositions containing low concentration levels of gemini surfactants
- L20 ANSWER 7 OF 16 MARPAT COPYRIGHT 2002 ACS
TI Process for making solid composition comprising quaternary ester ammonium compounds and fatty acids
- L20 ANSWER 8 OF 16 MARPAT COPYRIGHT 2002 ACS
TI Solid particulate fabric softener composition containing biodegradable cationic ester fabric softener active and acidic pH modifier
- L20 ANSWER 9 OF 16 MARPAT COPYRIGHT 2002 ACS
TI Catalysts for cationic crosslinking, especially of functional siloxanes as release coatings
- L20 ANSWER 10 OF 16 MARPAT COPYRIGHT 2002 ACS
TI Biodegradable fabric softener compositions
- L20 ANSWER 11 OF 16 MARPAT COPYRIGHT 2002 ACS
TI Foaming personal cleansing compositions

L20 ANSWER 12 OF 16 MARPAT COPYRIGHT 2002 ACS
TI Method for processing silver halide color photographic material

L20 ANSWER 13 OF 16 MARPAT COPYRIGHT 2002 ACS
TI Fabric softeners usable with detergents for laundering garments

L20 ANSWER 14 OF 16 MARPAT COPYRIGHT 2002 ACS
TI Color photographic material including magenta coupler, carbonamide compound, and aniline or amine compound

L20 ANSWER 15 OF 16 MARPAT COPYRIGHT 2002 ACS
TI Liquid compositions containing fabric softener and green colorant

L20 ANSWER 16 OF 16 MARPAT COPYRIGHT 2002 ACS
TI Preparation of 4-nitrophenyl-1,4-dihydropyridamides as cardiovascular agents

=> file caplus

| COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION |
|--|------------------|---------------|
| FULL ESTIMATED COST | 6.83 | 189.91 |
| DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | SINCE FILE ENTRY | TOTAL SESSION |
| CA SUBSCRIBER PRICE | 0.00 | -1.86 |

FILE 'CAPLUS' ENTERED AT 15:20:20 ON 04 JAN 2002
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FILE COVERS 1907 - 4 Jan 2002 VOL 136 ISS 1
FILE LAST UPDATED: 2 Jan 2002 (20020102/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

This file supports REGISTRY for direct browsing and searching of all substance data from the REGISTRY file. Enter HELP FIRST for more information.

CAplus now provides online access to patents and literature covered in CA from 1907 to the present. Bibliographic information and abstracts were added in 2001 for over 3.8 million records from 1907-1966.

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=> d his

(FILE 'HOME' ENTERED AT 14:58:08 ON 04 JAN 2002)

FILE 'REGISTRY' ENTERED AT 14:58:20 ON 04 JAN 2002

E BEHENYLTRIMETHYL
E BEHENYLTRIMETHYLLAMMONIUM

L1 3 S E3
L2 STRUCTURE UPLOADED
L3 3 S L2 SSS SAM
L4 56 S L2 SSS FULL

FILE 'CAPLUS' ENTERED AT 15:11:03 ON 04 JAN 2002

L5 374 S L1
L6 37 S L4
L7 0 S L5 AND L6
L8 2377 S MODIFIED(W) STARCH
L9 76 S AMPHOTERIC(W) STARCH
L10 2445 S L8 OR L9
L11 1 S L5 AND L10
L12 126916 S STARCH
L13 3 S L5 AND L12 NOT L11

FILE 'KOSMET' ENTERED AT 15:15:39 ON 04 JAN 2002

L14 0 S BEHENYLTRIMETHYL
L15 0 S L1

FILE 'USPATFULL' ENTERED AT 15:17:06 ON 04 JAN 2002

L16 60 S L1
L17 13 S L4
L18 0 S L16 AND L17

FILE 'MARPAT' ENTERED AT 15:18:39 ON 04 JAN 2002

L19 0 S L1
L20 16 S L4

FILE 'CAPLUS' ENTERED AT 15:20:20 ON 04 JAN 2002

=> s L4 and starch
37 L4
125759 STARCH
7342 STARCHES
126916 STARCH
(STARCH OR STARCHES)
L21 4 L4 AND STARCH

=> d L21 1-4 ti

L21 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2002 ACS

TI Water-based adhesives containing thermally inhibited **starches**

L21 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2002 ACS

TI Cosmetic compositions containing aminocarboxylate-modified **starch**

L21 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2002 ACS
TI **Starches** modified with amino-polycarboxylates

L21 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2002 ACS
TI Hydrogenated 1-(phenoxyalkyl)pyridine-3-carboxylates, their preparation, and their use as nootropic agents.

=> d L21 ibib

L21 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1996:580294 CAPLUS
DOCUMENT NUMBER: 125:198990
TITLE: Water-based adhesives containing thermally inhibited starches
INVENTOR(S): Koubek, Timothy C.; Nesiewicz, Russell J.; Philbin, Michael T.; Wieczorek, Joseph, Jr.; Chiu, Chung-Wai; Schiermeyer, Eleanor; Thomas, David J.; Shah, Manish B.; Solarek, Daniel B.
PATENT ASSIGNEE(S): National Starch and Chemical Investment Holding Corp.,
USA
SOURCE: PCT Int. Appl., 99 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|----------|
| WO 9623038 | A1 | 19960801 | WO 1996-US988 | 19960124 |
| W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI | | | | |
| RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN | | | | |
| CA 2210455 | AA | 19960801 | CA 1996-2210455 | 19960124 |
| AU 9647671 | A1 | 19960814 | AU 1996-47671 | 19960124 |
| EP 805840 | A1 | 19971112 | EP 1996-903662 | 19960124 |
| R: DE, GB, IT, NL | | | | |
| JP 10503803 | T2 | 19980407 | JP 1996-522997 | 19960124 |
| PRIORITY APPLN. INFO.: | | | US 1995-377544 | 19950124 |
| | | | US 1995-385259 | 19950218 |
| | | | WO 1996-US988 | 19960124 |

=> d L21 2-4 ibib

L21 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1996:117958 CAPLUS
DOCUMENT NUMBER: 124:155680
TITLE: Cosmetic compositions containing aminocarboxylate-modified starch
INVENTOR(S): Sweger, Robert W.; Tsai, John J.; Pasapane, Joseph; Bernard, Karen A.
PATENT ASSIGNEE(S): National Starch and Chemical Investment Holding Corp.,

USA

SOURCE: Eur. Pat. Appl., 16 pp.
CODEN: EPXXDW

DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|----------|-----------------|------------|
| EP 689829 | A2 | 19960103 | EP 1995-109537 | 19950620 |
| EP 689829 | A3 | 19960207 | | |
| EP 689829 | B1 | 20000202 | | |
| R: DE, FR, GB, IT | | | | |
| US 5482704 | A | 19960109 | US 1994-267984 | 19940628 |
| CA 2152535 | AA | 19951229 | CA 1995-2152535 | 19950623 |
| CA 2152535 | C | 19990406 | | |
| JP 08040822 | A2 | 19960213 | JP 1995-160883 | 19950627 |
| JP 2582237 | B2 | 19970219 | | |
| PRIORITY APPLN. INFO.: | | | US 1994-267984 | 19940628 |
| L21 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2002 ACS | | | | |
| ACCESSION NUMBER: | 1995:851835 CAPLUS | | | |
| DOCUMENT NUMBER: | 123:260253 | | | |
| TITLE: | Starches modified with amino-polycarboxylates | | | |
| INVENTOR(S): | Bernard, Karen A.; Tsai, John; Billmers, Robert L.; Sweger, Robert W. | | | |
| PATENT ASSIGNEE(S): | National Starch and Chemical Investment Holding Corp., USA | | | |
| SOURCE: | Eur. Pat. Appl., 13 pp. | | | |
| CODEN: | EPXXDW | | | |
| DOCUMENT TYPE: | Patent | | | |
| LANGUAGE: | English | | | |
| FAMILY ACC. NUM. COUNT: | 1 | | | |
| PATENT INFORMATION: | | | | |
| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
| EP 666272 | A1 | 19950809 | EP 1995-100270 | 19950110 |
| EP 666272 | B1 | 19971112 | | |
| R: DE, FR, GB, IT, SE | | | | |
| US 5455340 | A | 19951003 | US 1994-190824 | 19940202 |
| CA 2141826 | AA | 19950803 | CA 1995-2141826 | 19950202 |
| CA 2141826 | C | 19990316 | | |
| JP 07278201 | A2 | 19951024 | JP 1995-16182 | 19950202 |
| JP 3222715 | B2 | 20011029 | | |
| US 5500087 | A | 19960319 | US 1995-447462 | 19950523 |
| PRIORITY APPLN. INFO.: | | | US 1994-190824 | A 19940202 |
| OTHER SOURCE(S): | MARPAT 123:260253 | | | |
| L21 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2002 ACS | | | | |
| ACCESSION NUMBER: | 1988:186587 CAPLUS | | | |
| DOCUMENT NUMBER: | 108:186587 | | | |
| TITLE: | Hydrogenated 1-(phenoxyalkyl)pyridine-3-carboxylates, their preparation, and their use as nootropic agents. | | | |
| INVENTOR(S): | Zust, Armin | | | |
| PATENT ASSIGNEE(S): | Ciba-Geigy A.-G., Switz. | | | |
| SOURCE: | Eur. Pat. Appl., 30 pp. | | | |

CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|-------------------|----------|-----------------|----------|
| EP 252876 | A1 | 19880113 | EP 1987-810349 | 19870622 |
| R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE | | | | |
| FI 8702806 | A | 19871227 | FI 1987-2806 | 19870624 |
| DK 8703256 | A | 19871227 | DK 1987-3256 | 19870625 |
| JP 63008373 | A2 | 19880114 | JP 1987-156697 | 19870625 |
| IL 84528 | A1 | 19930315 | IL 1987-84528 | 19871119 |
| PRIORITY APPLN. INFO.: | | | CH 1986-2587 | 19860626 |
| OTHER SOURCE(S): | MARPAT 108:186587 | | | |

=> file registry

| COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION |
|--|------------------|---------------|
| FULL ESTIMATED COST | 8.94 | 198.85 |
| DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | SINCE FILE ENTRY | TOTAL SESSION |
| CA SUBSCRIBER PRICE | 0.00 | -1.86 |

FILE 'REGISTRY' ENTERED AT 15:24:30 ON 04 JAN 2002
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STRUCTURE FILE UPDATES: 2 JAN 2002 HIGHEST RN 380300-95-8
DICTIONARY FILE UPDATES: 2 JAN 2002 HIGHEST RN 380300-95-8

TSCA INFORMATION NOW CURRENT THROUGH July 7, 2001

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES
for more information. See STNote 27, Searching Properties in the CAS
Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> e cetyltrimethylammonium
E1 86 CETYLTRIMETHYL/BI
E2 83 CETYLTRIMETHYLAMMON/BI
E3 83 --> CETYLTRIMETHYLAMMONIUM/BI
E4 2 CETYLTRIMETHYLPHOSPHON/BI
E5 2 CETYLTRIMETHYLPHOSPHONIUM/BI
E6 4 CETYLTRIOCTYL/BI
E7 4 CETYLTRIOCTYLAMMON/BI
E8 4 CETYLTRIOCTYLAMMONIUM/BI
E9 1 CETYLTRIPENT/BI
E10 1 CETYLTRIPENTYL/BI
E11 1 CETYLTRIPENTYLAMMON/BI
E12 1 CETYLTRIPENTYLAMMONIUM/BI

=> s e3

L22 83 CETYLTRIMETHYLAMMONIUM/B1

=> d L22 1

L22 ANSWER 1 OF 83. REGISTRY COPYRIGHT 2002 ACS

RN 362055-73-0 REGISTRY

CN 1-Hexadecanaminium, N,N,N-trimethyl-, salt with 4-ethenylbenzoic acid (1:1), polymer with N,N-dimethyl-N-[11-[(2-methyl-1-oxo-2-propenyl)oxy]undecyl]-1-dodecanaminium bromide (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1-Dodecanaminium, N,N-dimethyl-N-[11-[(2-methyl-1-oxo-2-propenyl)oxy]undecyl]-, bromide, polymer with N,N,N-trimethyl-1-hexadecanaminium salt with 4-ethenylbenzoic acid (1:1) (9CI)

CN Benzoic acid, 4-ethenyl-, ion(1-), N,N,N-trimethyl-1-hexadecanaminium, polymer with

N,N-dimethyl-N-[11-[(2-methyl-1-oxo-2-propenyl)oxy]undecyl]-1-dodecanaminium bromide (9CI)

OTHER NAMES:

CN Cetyltrimethylammonium 4-vinylbenzoate-dodecyl(11-(methacryloyloxy)undecyl)dimethylammonium bromide copolymer

MF (C₂₉ H₅₈ N O₂ . C₁₉ H₄₂ N . C₉ H₇ O₂ . Br)x

CI PMS

PCT Polyacrylic, Polyether, Polystyrene

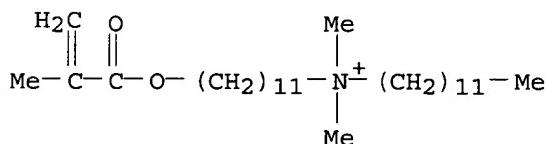
SR CA

LC STN Files: CA, CAPLUS

CM 1

CRN 150397-44-7

CMF C₂₉ H₅₈ N O₂ . Br



● Br⁻

CM 2

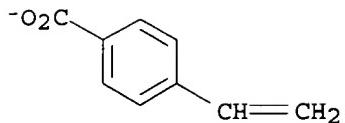
CRN 223691-67-6

CMF C₁₉ H₄₂ N . C₉ H₇ O₂

CM 3

CRN 74056-33-0

CMF C₉ H₇ O₂



CM 4

CRN 6899-10-1
CMF C19 H42 N

$\text{Me}_3^+\text{N}-\text{(CH}_2\text{)}_{15}\text{-Me}$

1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

| | | | |
|--|------------|---------|--|
| => file caplus | | | |
| COST IN U.S. DOLLARS | SINCE FILE | TOTAL | |
| | ENTRY | SESSION | |
| FULL ESTIMATED COST | 6.22 | 205.07 | |
| DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | SINCE FILE | TOTAL | |
| | ENTRY | SESSION | |
| CA SUBSCRIBER PRICE | 0.00 | -1.86 | |

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FILE COVERS 1907 - 4 Jan 2002 VOL 136 ISS 1
 FILE LAST UPDATED: 2 Jan 2002 (20020102/ED)

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=> d his

(FILE 'HOME' ENTERED AT 14:58:08 ON 04 JAN 2002)

FILE 'REGISTRY' ENTERED AT 14:58:20 ON 04 JAN 2002

E BEHENYLTRIMETHYL
E BEHENYLTRIMETHYLLAMMONIUM

L1 3 S E3
L2 STRUCTURE UPLOADED
L3 3 S L2 SSS SAM
L4 56 S L2 SSS FULL

FILE 'CAPLUS' ENTERED AT 15:11:03 ON 04 JAN 2002

L5 374 S L1
L6 37 S L4
L7 0 S L5 AND L6
L8 2377 S MODIFIED(W) STARCH
L9 76 S AMPHOTERIC(W) STARCH
L10 2445 S L8 OR L9
L11 1 S L5 AND L10
L12 126916 S STARCH
L13 3 S L5 AND L12 NOT L11

FILE 'KOSMET' ENTERED AT 15:15:39 ON 04 JAN 2002

L14 0 S BEHENYLTRIMETHYL
L15 0 S L1

FILE 'USPATFULL' ENTERED AT 15:17:06 ON 04 JAN 2002

L16 60 S L1
L17 13 S L4
L18 0 S L16 AND L17

FILE 'MARPAT' ENTERED AT 15:18:39 ON 04 JAN 2002

L19 0 S L1
L20 16 S L4

FILE 'CAPLUS' ENTERED AT 15:20:20 ON 04 JAN 2002

L21 4 S L4 AND STARCH

FILE 'REGISTRY' ENTERED AT 15:24:30 ON 04 JAN 2002

E CETYLTRIMETHYLLAMMONIUM

L22 83 S E3

FILE 'CAPLUS' ENTERED AT 15:25:38 ON 04 JAN 2002

=> s L22
L23 14214 L22

=> s L23 and L6
L24 0 L23 AND L6

```
=> s L4 and amphoteric
      37 L4
      12474 AMPHOTERIC
      94 AMPHOTERICS
      12502 AMPHOTERIC
          (AMPHOTERIC OR AMPHOTERICs)
L25      1 L4 AND AMPHOTERIC
```

```
=> d L25 1 ti
```

```
L25 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2002 ACS
TI Amphoteric imidazoline derivatives for hide treatment
```

```
=> file registry
```

| COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION |
|--|------------------|---------------|
| FULL ESTIMATED COST | 3.93 | 209.00 |
| DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | SINCE FILE ENTRY | TOTAL SESSION |
| CA SUBSCRIBER PRICE | 0.00 | -1.86 |

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FILE 'REGISTRY' ENTERED AT 15:28:57 ON 04 JAN 2002
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```

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STRUCTURE FILE UPDATES: 2 JAN 2002 HIGHEST RN 380300-95-8
DICTIONARY FILE UPDATES: 2 JAN 2002 HIGHEST RN 380300-95-8
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TSCA INFORMATION NOW CURRENT THROUGH July 7, 2001
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Please note that search-term pricing does apply when
conducting SmartSELECT searches.
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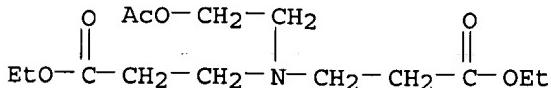
```
Crossover limits have been increased. See HELP CROSSOVER for details.
```

```
Calculated physical property data is now available. See HELP PROPERTIES
for more information. See STNote 27, Searching Properties in the CAS
Registry File, for complete details:
```

```
http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf
```

```
=> d L4 2
```

```
L4 ANSWER 2 OF 56 REGISTRY COPYRIGHT 2002 ACS
RN 350684-83-2 REGISTRY
CN .beta.-Alanine, N-[2-(acetoxyethyl]-N-(3-ethoxy-3-oxopropyl)-, ethyl
ester (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C14 H25 N O6
SR CA
LC STN Files: CA, CAPLUS
```



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

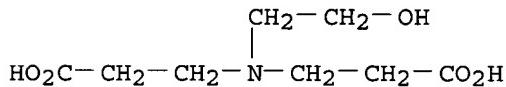
=> s L4 and starch
2502 STARCH
L26 1 L4 AND STARCH

=> d L26

L26 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS
RN 169105-05-9 REGISTRY
CN Starch, 2-[N,N-bis(2-carboxyethyl)amino]ethyl ether (9CI) (CA
INDEX NAME)
OTHER NAMES:
CN 2-[N,N-Di(propionic acid)amino]ethyl starch ether
MF C8 H15 N O5 . x Unspecified
SR CA
LC STN Files: CA, CAPLUS, TOXLIT, USPATFULL

CM 1

CRN 54685-83-5
CMF C8 H15 N O5



CM 2

CRN 9005-25-8
CMF Unspecified
CCI MAN

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
3 REFERENCES IN FILE CA (1967 TO DATE)
3 REFERENCES IN FILE CAPLUS (1967 TO DATE)

=> file caplus
COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST 7.80 216.80

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) SINCE FILE TOTAL
ENTRY SESSION
CA SUBSCRIBER PRICE 0.00 -1.86

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FILE COVERS 1907 - 4 Jan 2002 VOL 136 ISS 1
FILE LAST UPDATED: 2 Jan 2002 (20020102/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

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=> s L26
L27 3 L26

=> d L27 1-3 ibib,abs

L27 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1996:580294 CAPLUS
DOCUMENT NUMBER: 125:198990
TITLE: Water-based adhesives containing thermally inhibited starches
INVENTOR(S): Koubek, Timothy C.; Nesiewicz, Russell J.; Philbin, Michael T.; Wieczorek, Joseph, Jr.; Chiu, Chung-Wai; Schiermeyer, Eleanor; Thomas, David J.; Shah, Manish B.; Solarek, Daniel B.
PATENT ASSIGNEE(S): National Starch and Chemical Investment Holding Corp.,
USA
SOURCE: PCT Int. Appl., 99 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------|------|------|-----------------|------|
|------------|------|------|-----------------|------|

| | | | | |
|------------------------|--|----------|-----------------|----------|
| WO 9623038 | A1 | 19960801 | WO 1996-US988 | 19960124 |
| W: | AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI | | | |
| RW: | KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN | | | |
| CA 2210455 | AA | 19960801 | CA 1996-2210455 | 19960124 |
| AU 9647671 | A1 | 19960814 | AU 1996-47671 | 19960124 |
| EP 805840 | A1 | 19971112 | EP 1996-903662 | 19960124 |
| R: | DE, GB, IT, NL | | | |
| JP 10503803 | T2 | 19980407 | JP 1996-522997 | 19960124 |
| PRIORITY APPLN. INFO.: | | | US 1995-377544 | 19950124 |
| | | | US 1995-385259 | 19950218 |
| | | | WO 1996-US988 | 19960124 |
| AB | Thermally inhibited starches and flours are used in conventional water-based adhesives such as corrugating, cigarette, and remoistenable adhesives. The starches or flours are inhibited by dehydrating the starch to anhyd. or substantially anhyd. and then heat-treating the starch or flour for a time and at a temp. sufficient to inhibit the starch and improve its viscosity stability. The starch or flour may be thermally or nonthermally dehydrated (e.g., by alc. extn. or freeze-drying). Preferably, the pH of the starch is adjusted to at least neutral prior to the dehydration. | | | |

L27 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2002 ACS
 ACCESSION NUMBER: 1996:117958 CAPLUS
 DOCUMENT NUMBER: 124:155680
 TITLE: Cosmetic compositions containing aminocarboxylate-modified starch
 INVENTOR(S): Sweger, Robert W.; Tsai, John J.; Pasapane, Joseph; Bernard, Karen A.
 PATENT ASSIGNEE(S): National Starch and Chemical Investment Holding Corp.,
 USA
 SOURCE: Eur. Pat. Appl., 16 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|--|----------|-----------------|----------|
| EP 689829 | A2 | 19960103 | EP 1995-109537 | 19950620 |
| EP 689829 | A3 | 19960207 | | |
| EP 689829 | B1 | 20000202 | | |
| R: DE, FR, GB, IT | | | | |
| US 5482704 | A | 19960109 | US 1994-267984 | 19940628 |
| CA 2152535 | AA | 19951229 | CA 1995-2152535 | 19950623 |
| CA 2152535 | C | 19990406 | | |
| JP 08040822 | A2 | 19960213 | JP 1995-160883 | 19950627 |
| JP 2582237 | B2 | 19970219 | | |
| PRIORITY APPLN. INFO.: | | | US 1994-267984 | 19940628 |
| AB | Cosmetic skin and hair-care compns. are provided contg. aminocarboxylate starch derivs. as thickeners or emulsion stabilizers. These compns. have good rheol. properties and have excellent aesthetic properties of feel and | | | |

appearance. Potato starch was treated with 2-chloroethylaminodipropionic acid at pH 11-11.5 and formulated into a lotion. Viscosity studies indicated that the modified starch was relatively stable over time and was

actually superior to the Carbopol std., i.e. the starch sample maintained 65% of its viscosity at 45.degree. while the Carbopol sample maintained only 21%.

L27 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1995:851835 CAPLUS
DOCUMENT NUMBER: 123:260253
TITLE: Starches modified with amino-polycarboxylates
INVENTOR(S): Bernard, Karen A.; Tsai, John; Billmers, Robert L.;
Sweger, Robert W.
PATENT ASSIGNEE(S): National Starch and Chemical Investment Holding
Corp., USA
SOURCE: Eur. Pat. Appl., 13 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|---|----------|-----------------|------------|
| EP 666272 | A1 | 19950809 | EP 1995-100270 | 19950110 |
| EP 666272 | B1 | 19971112 | | |
| R: DE, FR, GB, IT, SE | | | | |
| US 5455340 | A | 19951003 | US 1994-190824 | 19940202 |
| CA 2141826 | AA | 19950803 | CA 1995-2141826 | 19950202 |
| CA 2141826 | C | 19990316 | | |
| JP 07278201 | A2 | 19951024 | JP 1995-16182 | 19950202 |
| JP 3222715 | B2 | 20011029 | | |
| US 5500087 | A | 19960319 | US 1995-447462 | 19950523 |
| PRIORITY APPLN. INFO.: | | | US 1994-190824 | A 19940202 |
| OTHER SOURCE(S): | MARPAT 123:260253 | | | |
| AB | Amino-polycarboxylate starch ether derivs. are provided which bear O-substituting groups of (CH ₂) ₂ -3NR'1R ₂ (R ₁ = CHR'CHRCOOM with R = H, Me and R' = R, COOH; R ₂ = R ₁ , H, C ₁ -18 alkyl; M = cations). These starch derivs. are particularly useful as retention and strength aids in papermaking. Converting a NaOH-activated starch with 2-chloroethylaminodipropionic acid gave a title deriv. | | | |

| COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION |
|--|------------------|---------------|
| FULL ESTIMATED COST | 7.88 | 224.68 |
| DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | SINCE FILE ENTRY | TOTAL SESSION |
| CA SUBSCRIBER PRICE | -1.86 | -3.72 |

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FILE CONTAINS CURRENT INFORMATION.

LAST RELOADED: Dec 14, 2001 (20011214/UP).

=> d his

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FILE 'REGISTRY' ENTERED AT 14:58:20 ON 04 JAN 2002

E BEHENYLTRIMETHYL
E BEHENYLTRIMETHYLAMMONIUM

L1 3 S E3

L2 STRUCTURE UPLOADED

L3 3 S L2 SSS SAM

L4 56 S L2 SSS FULL

FILE 'CAPLUS' ENTERED AT 15:11:03 ON 04 JAN 2002

L5 374 S L1

L6 37 S L4

L7 0 S L5 AND L6

L8 2377 S MODIFIED(W) STARCH

L9 76 S AMPHOTERIC(W) STARCH

L10 2445 S L8 OR L9

L11 1 S L5 AND L10

L12 126916 S STARCH

L13 3 S L5 AND L12 NOT L11

FILE 'KOSMET' ENTERED AT 15:15:39 ON 04 JAN 2002

L14 0 S BEHENYLTRIMETHYL

L15 0 S L1

FILE 'USPATFULL' ENTERED AT 15:17:06 ON 04 JAN 2002

L16 60 S L1

L17 13 S L4

L18 0 S L16 AND L17

FILE 'MARPAT' ENTERED AT 15:18:39 ON 04 JAN 2002

L19 0 S L1

L20 16 S L4

FILE 'CAPLUS' ENTERED AT 15:20:20 ON 04 JAN 2002

L21 4 S L4 AND STARCH

FILE 'REGISTRY' ENTERED AT 15:24:30 ON 04 JAN 2002

E CETYLTRIMETHYLAMMONIUM

L22 83 S E3

FILE 'CAPLUS' ENTERED AT 15:25:38 ON 04 JAN 2002

L23 14214 S L22

L24 0 S L23 AND L6

L25 1 S L4 AND AMPHOTERIC

FILE 'REGISTRY' ENTERED AT 15:28:57 ON 04 JAN 2002

L26 1 S L4 AND STARCH

FILE 'CAPLUS' ENTERED AT 15:30:22 ON 04 JAN 2002

L27 3 S L26

FILE 'STNGUIDE' ENTERED AT 15:32:06 ON 04 JAN 2002

=> logoff

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:hold
COST IN U.S. DOLLARS

| | | |
|---------------------|------------------|---------------|
| FULL ESTIMATED COST | SINCE FILE ENTRY | TOTAL SESSION |
| | 0.00 | 224.68 |

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

| | | |
|---------------------|------------------|---------------|
| CA SUBSCRIBER PRICE | SINCE FILE ENTRY | TOTAL SESSION |
| | 0.00 | -3.72 |

SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 15:32:17 ON 04 JAN 2002

Trying 3106016892...Open

Welcome to STN International! Enter x:x

LOGINID:ssspta1621mxw

PASSWORD:

* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *

SESSION RESUMED IN FILE 'STNGUIDE' AT 15:36:40 ON 04 JAN 2002
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| COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION |
|--|------------------|---------------|
| FULL ESTIMATED COST | 0.00 | 224.68 |
| DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | SINCE FILE ENTRY | TOTAL SESSION |
| CA SUBSCRIBER PRICE | 0.00 | -3.72 |
| => file caplus,uspatfull | | |
| COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION |
| FULL ESTIMATED COST | 0.00 | 224.68 |
| DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | SINCE FILE ENTRY | TOTAL SESSION |
| CA SUBSCRIBER PRICE | 0.00 | -3.72 |

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FILE 'USPATFULL' ENTERED AT 15:36:55 ON 04 JAN 2002
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=> s L5 or L16
L28 434 L5 OR L16

=> s L28/ti
FIELD CODES CANNOT BE CHANGED HERE
You may have tried to apply a field code to a term that already has a field code. You can only add a field code to a term that has no field code appended to it.

=> s L28 and surfactant
L29 253 L28 AND SURFACTANT

=> s L29 and cosmetic
L30 101 L29 AND COSMETIC

=> d L30 1 kwic,abs

L30 ANSWER 1 OF 101 CAPLUS COPYRIGHT 2002 ACS
TI Cosmetic powder compositions containing cationic
surfactant-treated powder
AB The invention relates to a cosmetic powder compn. having good
skin attachment ability, uniformity, and use feel, wherein the powder
contains cationic surfactant-treated powder, esp. titanium oxide
and/or zinc oxide. A behenyltrimethyl ammonium chloride-treated talc was

prep., and combined at 40 % with other ingredients to obtain a cosmetic powder foundation.

ST cosmetic powder cationic **surfactant** surface treatment

IT **Surfactants**
(cationic; cosmetic powder compns. contg. cationic surfactant-treated powder)

IT Kaolin, biological studies
Mica-group minerals, biological studies
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(cosmetic powder compns. contg. cationic **surfactant**-treated powder)

IT **Cosmetics**
(eye shadows; cosmetic powder compns. contg. cationic surfactant-treated powder)

IT **Cosmetics**
(foundations; cosmetic powder compns. contg. cationic surfactant-treated powder)

IT **Cosmetics**
(powders; cosmetic powder compns. contg. cationic surfactant-treated powder)

IT 107-64-2, Distearyldimethylammonium chloride 112-03-8,
Stearyltrimethylammonium chloride 471-34-1, Calcium carbonate,
biological studies 546-93-0, Magnesium carbonate 1314-13-2, Zinc oxide, biological studies 1327-43-1, Aluminum magnesium silicate 1335-30-4, Aluminum silicate 1343-88-0, Magnesium silicate 1343-98-2D,
Silicic acid, anhydrides 1344-95-2, Calcium silicate 10043-11-5,

Boron nitride, biological studies 12174-53-7, Sericite 13463-67-7, Titanium oxide, biological studies 14807-96-6, Talc, biological studies 17301-53-0, Behenyltrimethyl ammonium chloride 26597-36-4, Dibehenyldimethyl ammonium chloride
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(cosmetic powder compns. contg. cationic **surfactant**-treated powder)

AB The invention relates to a cosmetic powder compn. having good skin attachment ability, uniformity, and use feel, wherein the powder contains cationic **surfactant**-treated powder, esp. titanium oxide and/or zinc oxide. A behenyltrimethyl ammonium chloride-treated talc was prep., and combined at 40 % with other ingredients to obtain a cosmetic powder foundation.

=> s L1/ti
'TI' IS NOT A VALID CROSSOVER QUALIFIER FOR L1
'TI' IS NOT A VALID CROSSOVER QUALIFIER FOR L1
Answer sets created in a different file may be field qualified with a limited set of qualifiers. Enter HELP CROSSOVER at an arrow prompt (>) for specific information.

=> help crossover
GENERAL HELP FOR 'CROSSOVER' IS NOT AVAILABLE
CAPLUS
USPATFULL
ENTER A FILE NAME OR (END) :caplus

The term 'file crossover' refers to the use of an answer set L-number created by a search in one file as a search term or profile in

another file. There are four types of crossovers in CAplus: query crossover, accession number crossover, crossover from the Registry File, and crossover of extracted terms.

The query is searched in CAplus when you search the L-number answer set created in another file, except for CASREACT, MARPAT, MARPATprev, and Registry.

Accession numbers are crossed over when you search an L-number answer set from CASREACT, MARPAT or MARPATprev in CAplus or when you search an L-number answer set from CAplus in MARPAT or MARPATprev.

You may use the CAS Registry Numbers (R) that are answers from a search in the REGISTRY File as a search term or profile in the CAplus File, without looking at all the answers or entering the Registry Numbers individually. To do this, enter the L-number of the REGISTRY answer set in a SEARCH command in CAplus. You may use this L-number in any search where you might use a Registry Number, i.e., combined with other terms using the logical operators or the (L) operator. Registry Numbers crossed over from the REGISTRY File include all deleted (DR), replacing (RR), preferred (PR) and alternate (AR) numbers.

CAS Registry Numbers appended by D or DP are automatically searched whenever CAS Registry Numbers are crossed over. The suffix D indicates a generic or unspecified derivative, and DP indicates the preparation of generic derivatives. If you do not want to search CAS Registry Numbers for nonspecific derivatives, append the crossover L-number with /RN.

Examples (where L3 is an answer set from the REGISTRY File):

| Search term | Retrieves |
|-------------|---|
| => S L3 | All CAS Registry numbers, including those appended with D or DP |
| => S L3/RN | All CAS Registry Numbers, excluding those appended with D or DP |

Additionally, the REGISTRY File answer set may be qualified by a code for a CAS Role. Enter HELP ROLES at an arrow prompt (=>) in this file to obtain a list of role codes and their definitions.

Example of a search for Registry Numbers with the role code ANT for the role of "analyte" (where L3 is an answer set from the REGISTRY File):

=> S L3/ANT

There is a limit of 300,000 answers for a single crossover of CAS Registry Numbers. For information on how to transfer more than 300,000 CAS Registry Numbers from the REGISTRY File, enter HELP CROSSOVER at an arrow prompt in REGISTRY.

You may also crossover and search a set of terms extracted from an answer set.

To crossover records from CAplus to CAOLD, use SELECT or TRANSFER with the OREF field. The OREF (Original Reference Number) field

contains the Original Reference Number(s) for any record published in printed CA in 1907-1966. The format of OREF is the volume number of CA, colon, column number and fraction designation for the location of the entire bibliographic record and the abstract on the page of printed CA.

Enter HELP OREF for an example of a crossover from CAplus to CAOLD. For more information on crossover of extracted terms, enter HELP TRANSFER at an arrow prompt.

```
=> help roles  
GENERAL HELP FOR 'ROLES' IS NOT AVAILABLE  
CAPLUS  
USPATFULL  
ENTER A FILE NAME OR (END) :caplus
```

CAS roles are CAS indexing terms consisting of codes that describe the new or novel information reported about a substance or a class of compounds. Specific roles have 3-letter codes. Super roles have 4-letter codes. Super roles are automatically generated from the specific roles, and are upposted for searching. Roles are available for all indexed documents from 1967 to the present.

To search a role for a specific substance, append the CAS Registry Number or a Registry File L-number answer set with a slash and the code for the role, e.g., 67-68-5/THU. To search more than one role, separate a list of roles by commas and no spaces, e.g., 67-68-5/THU,ADV. Only one role may be appended to an L-number answer set. Use the OR operator to apply multiple roles to an L-number, e.g., S L1/THU OR L1/ADV.

To search roles assigned to index headings for classes of compounds, follow the heading with a slash and the role or roles separated by commas, e.g., PHENOLS/POL,REM.

Roles are displayed in the RL (Role) field within the IT (Index Term) field. Roles are included in any display format that contains the IT or RL field. Enter SET ROLES OFF at an arrow prompt (=>) to suppress display of codes and text for roles. Enter SET ROLES CODES to display only codes. Enter SET ROLES TEXT to return to default display (codes and names). Enter HELP SET ROLES at an arrow prompt for more information.

Enter HELP THESAURUS and HELP RCODE at an arrow prompt in this file for information on using the role thesaurus to find role definitions and narrower and broader terms.

The following list contains CAS roles. Under each super role are listed the specific roles that generate the super role.

Note that effective December 17, 2001, CAS roles were modified. The changes are summarized below and are also noted in footnotes to the list of CAS roles.

Overview of CAS role changes (effective December 17, 2001)

1. The following 5 Biological Study Roles were eliminated and

replaced with more specific, newly added Biological Study roles or BSU (Biological Study, Unclassified):

BAC Biological Activity or Effector, except Adverse
BOC Biological Occurrence
BPR Biological Process
MFM Metabolic Formation
BSU Biological Study, Unclassified

2. The following new roles were added:

COS Cosmetic Use
DGN Diagnostic Use
DMA Drug Mechanism of Action
NPO Natural Product Occurrence
PAC Pharmacological Activity
PKT Pharmacokinetics
BCP Biochemical Process

RGT Reagent

CPN Combinatorial Preparation
CRT Combinatorial Reactant
CRG Combinatorial Reagent
CST Combinatorial Study
CUS Combinatorial Use

CPR Chemical Process
EPR Engineering Process
PPY Physical Process

3. The following new super roles were added:

RACT Reactant or Reagent
CMBI Combinatorial Study

4. The name for NUU role was changed from Nonbiological Use, Unclassified to Other Use, Unclassified.

List of CAS Roles

ANST Analytical Study

ANT Analyte
AMX Analytical Matrix
ARG Analytical Reagent Use
ARU Analytical Role, Unclassified

BIOL Biological Study

ADV Adverse Effect, Including Toxicity
AGR Agricultural Use
BAC Biological Activity or Effector, Except Adverse (1)
BCP Biochemical Process (2)
BMF Bioindustrial Manufacture
BOC Biological Occurrence
BPN Biosynthetic Preparation
BPR Biological Process (1)
BSU Biological Study, Unclassified

BUU Biological Use, Unclassified
COS Cosmetic Use (2)
DGN Diagnostic Use (2)
DMA Drug Mechanism of Action (2)
FFD Food or Feed Use
MFM Metabolic Formation
NPO Natural Product Occurrence (2)
PAC Pharmacological Activity (2)
PKT Pharmacokinetics (2)
THU Therapeutic Use

CMBI Combinatorial Study (2)

CPN Combinatorial Preparation (2)
CRT Combinatorial Reactant (2)
CRG Combinatorial Reagent (2)
CST Combinatorial Study (2)
CUS Combinatorial Use (2)

FORM Formation, Nonpreparative

FMU Formation, Unclassified
GFM Geological or Astronomical Formation
MFM Metabolic Formation (1)

OCCU Occurrence

BOC Biological Occurrence (1)
GOC Geological or Astronomical Occurrence
NPO Natural Product Occurrence (2)
OCU Occurrence, Unclassified
POL Pollutant

PREP Preparation

BMF Bioindustrial Manufacture
BPN Biosynthetic Preparation
BYP Byproduct
CPN Combinatorial Preparation (2)
IMF Industrial Manufacture
PNU Preparation, Unclassified
PUR Purification or Recovery
SPN Synthetic Preparation

PROC Process

BCP Biochemical Process (2)
BPR Biological Process (1)
GPR Geological or Astronomical Process
PEP Physical, Engineering, or Chemical Process
CPS Chemical Process (2)
EPR Engineering Process (2)
PYP Physical Process (2)
REM Removal or Disposal

RACT Reactant or Reagent (2,3)

RCT Reactant (3)

CRT Combinatorial Reactant (2)
RGT Reagent (2)
CRG Combinatorial Reagent (2)

USES Uses

AGR Agricultural Use
ARG Analytical Reagent Use
BUU Biological Use, Unclassified
CAT Catalyst Use
COS Cosmetic Use (2)
CUS Combinatorial Use (2)
DEV Device Component Use
DGN Diagnostic Use (2)
FFD Food or Feed Use
MOA Modifier or Additive Use
NUU Other Use, Unclassified (4)
POF Polymer in Formulation
TEM Technical or Engineered Material Use
THU Therapeutic Use

Specific roles that are not upposted to any super roles:

MSC Miscellaneous
PRP Properties

- (1) Used from CA Vol. 66 (1967) to Vol. 135 (2001)
- (2) Used starting with CA Vol. 136 (2002)
- (3) Searching the RCT (Reactant) role retrieves references from CA Vol. 66 (1967) to the present. Searching the RACT (Reactant or Reagent) super role retrieves references with the CRT, CRG, RGT, or RCT references starting with CA Vol. 136 (2002).
- (4) Starting with CA Vol. 136 (2002), the searchable text for the NUU role changed from NONBIOLOGICAL USE, UNCLASSIFIED/RL to OTHER USE, UNCLASSIFIED/RL. Search the code NUU/RL to retrieve records from CA Vol. 66 (1967) to the present.

=> s L28/cos

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=> file caplus

| | SINCE FILE | TOTAL |
|--|------------|---------|
| | ENTRY | SESSION |
| COST IN U.S. DOLLARS | | |
| FULL ESTIMATED COST | 13.71 | 238.39 |
| DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | SINCE FILE | TOTAL |
| | ENTRY | SESSION |
| CA SUBSCRIBER PRICE | -0.62 | -4.34 |

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FILE LAST UPDATED: 2 Jan 2002 (20020102/ED)

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=> s L5/cos
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| | | | |
|--|------------|---------|--|
| => file caplus | | | |
| COST IN U.S. DOLLARS | SINCE FILE | TOTAL | |
| | ENTRY | SESSION | |
| FULL ESTIMATED COST | 6.05 | 244.44 | |
| DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | SINCE FILE | TOTAL | |
| | ENTRY | SESSION | |
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=> s L5/uses

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=> s L1/uses

374 L1

4416203 USES/RL

L31 238 L1/USES

(L1 (L) USES/RL)

=> s L1/cos

374 L1

137 COS/RL

L32 2 L1/COS

(L1 (L) COS/RL)

=> d L32 1-2 ibib,abs

L32 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2001:903271 CAPLUS

TITLE: Aerosol preparations for treatment of the hair

INVENTOR(S): Grit, Mustafa

PATENT ASSIGNEE(S): Goldwell G.m.b.H., Germany

SOURCE: Ger. Offen., 8 pp.

CODEN: GWXXBX

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION: -

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|-------------|------|----------|------------------|----------|
| DE 10015149 | A1 | 20011213 | DE 2000-10015149 | 20000327 |

AB An aerosol spray-producing device is disclosed which employs carbon dioxide as the sole propellant. The prepn. contains water and at least one quaternary ammonium compd. and/or amine compd., which contains at least one C8-C22-alkylgroup and is acid formulated. It may be a solid formulation, preferably a powder or a tablet, which contains at least one alkali or alk. earth carbonate and/or hydrogencarbonate in such a quantity that it develops sufficient carbon dioxide propellant in the compn. after pressurized locking of the container to discharge the tank contents. Thus, a leave-on hair prepns. comprises (by wt.) esterquat (Tetranyl CO40) 1.0, paraffin oil 1.0, triglyceride 1.0, benzylxyethanol 2.5, behentrimonium chloride 1.0, perfume 0.4, behenic acid 3.0, cetylstearyl alc. 5.0, Ceteareth-20 3.0, and water q.s. to 100%.

L32 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2002 ACS
 ACCESSION NUMBER: 2001:891558 CAPLUS
 TITLE: Hair-conditioning preparations containing hydrophilic oils
 INVENTOR(S): Omori, Takashi; Miyahara, Reiji; Kanokogi, Hiroyuki; Nanba, Tomiyuki
 PATENT ASSIGNEE(S): Shiseido Co., Ltd., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 21 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---------------|------|----------|-----------------|----------|
| JP 2001342116 | A2 | 20011211 | JP 2001-85691 | 20010323 |

PRIORITY APPLN. INFO.: JP 2000-86241 A 20000327
 AB The hair prepns. contain liq. oils which show solv. in H₂O of 1-15 wt.% at 25.degree. and solv. in glyceryl tri(2-ethylhexanoate) of .gtoreq.5 wt.% at 25.degree.. The prepns. may also contain quaternary ammonium salts or amidoamines. A hair prepn. contg. stearyltrimethylammonium chloride 1.0, cetylstearyl alc. 2.2, polyoxyethylene glycerin caprate 0.001, propylene glycol 5.0, additives, and H₂O to 100 wt.% was not sticky and showed hair-moisturizing, -smoothing, and -softening effects.

| COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION |
|----------------------|------------------|---------------|
| FULL ESTIMATED COST | 8.51 | 252.95 |

| DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | SINCE FILE ENTRY | TOTAL SESSION |
|--|------------------|---------------|
| CA SUBSCRIBER PRICE | -1.24 | -5.58 |

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FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Dec 14, 2001 (20011214/UP).

=> d is
YOU HAVE REQUESTED DATA FROM FILE 'CAPLUS' - CONTINUE? (Y)/N:n

=> d his

(FILE 'HOME' ENTERED AT 14:58:08 ON 04 JAN 2002)

FILE 'REGISTRY' ENTERED AT 14:58:20 ON 04 JAN 2002
E BEHENYLTRIMETHYL
E BEHENYLTRIMETHYLAMMONIUM

L1 3 S E3
L2 STRUCTURE UPLOADED
L3 3 S L2 SSS SAM
L4 56 S L2 SSS FULL

FILE 'CAPLUS' ENTERED AT 15:11:03 ON 04 JAN 2002

L5 374 S L1
L6 37 S L4
L7 0 S L5 AND L6
L8 2377 S MODIFIED(W) STARCH
L9 76 S AMPHOTERIC(W) STARCH
L10 2445 S L8 OR L9
L11 1 S L5 AND L10
L12 126916 S STARCH
L13 3 S L5 AND L12 NOT L11

FILE 'KOSMET' ENTERED AT 15:15:39 ON 04 JAN 2002

L14 0 S BEHENYLTRIMETHYL
L15 0 S L1

FILE 'USPATFULL' ENTERED AT 15:17:06 ON 04 JAN 2002

L16 60 S L1
L17 13 S L4
L18 0 S L16 AND L17

FILE 'MARPAT' ENTERED AT 15:18:39 ON 04 JAN 2002

L19 0 S L1
L20 16 S L4

FILE 'CAPLUS' ENTERED AT 15:20:20 ON 04 JAN 2002

L21 4 S L4 AND STARCH

FILE 'REGISTRY' ENTERED AT 15:24:30 ON 04 JAN 2002

E CETYLTRIMETHYLAMMONIUM
L22 83 S E3

FILE 'CAPLUS' ENTERED AT 15:25:38 ON 04 JAN 2002

L23 14214 S L22
L24 0 S L23 AND L6
L25 1 S L4 AND AMPHOTERIC

FILE 'REGISTRY' ENTERED AT 15:28:57 ON 04 JAN 2002

L26 1 S L4 AND STARCH

FILE 'CAPLUS' ENTERED AT 15:30:22 ON 04 JAN 2002

L27 3 S L26

FILE 'STNGUIDE' ENTERED AT 15:32:06 ON 04 JAN 2002

FILE 'CAPLUS, USPATFULL' ENTERED AT 15:36:55 ON 04 JAN 2002

L28 434 S L5 OR L16
L29 253 S L28 AND SURFACTANT
L30 101 S L29 AND COSMETIC

FILE 'CAPLUS' ENTERED AT 15:45:44 ON 04 JAN 2002

FILE 'CAPLUS' ENTERED AT 15:56:14 ON 04 JAN 2002

L31 238 S L1/USES
L32 2 S L1/COS

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=> logoff

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:hold

COST IN U.S. DOLLARS

| SINCE FILE ENTRY | TOTAL SESSION |
|------------------|---------------|
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| | | |
|---------------------|------|--------|
| FULL ESTIMATED COST | 0.00 | 252.95 |
|---------------------|------|--------|

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

| SINCE FILE ENTRY | TOTAL SESSION |
|------------------|---------------|
|------------------|---------------|

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|---------------------|------|-------|
| CA SUBSCRIBER PRICE | 0.00 | -5.58 |
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